

TITLE OF INVENTION

INK JET PRINTABLE THICK FILM INK COMPOSITIONS AND
PROCESSES

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ABSTRACT

The present invention provides a method for the manufacture of an electronic component comprising: (a) providing a substrate; (b) ink jet printing at least one patterned layer of an ink jet printable composition comprising: (1) functional material; (2) organic polymer comprising polyvinylpyrrolidone; dispersed in (3) dispersion vehicle selected from organic solvent, water, or mixtures thereof; and wherein the viscosity of said composition is between 5 mPa.s to 50 mPa.s at a temperature of 25 to 35°C, onto said substrate; (c) firing said substrate and ink composition of (b).

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